



150.

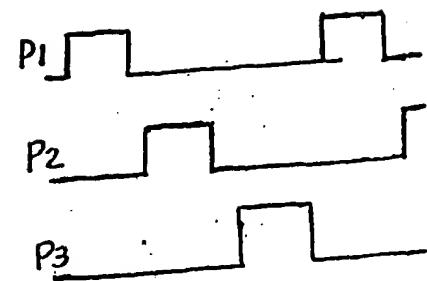
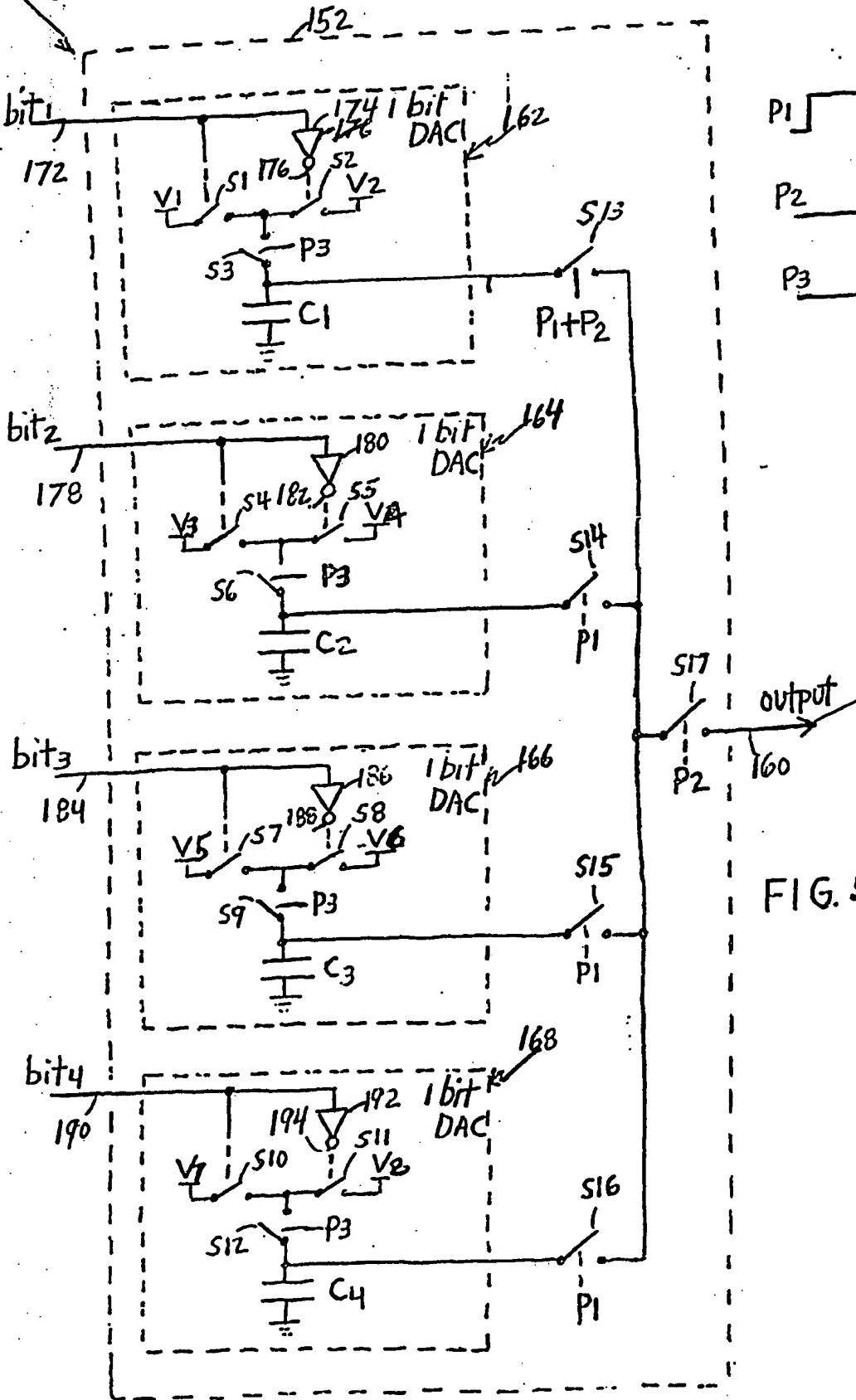


FIG. 6

OUTPUT

FIG. 5

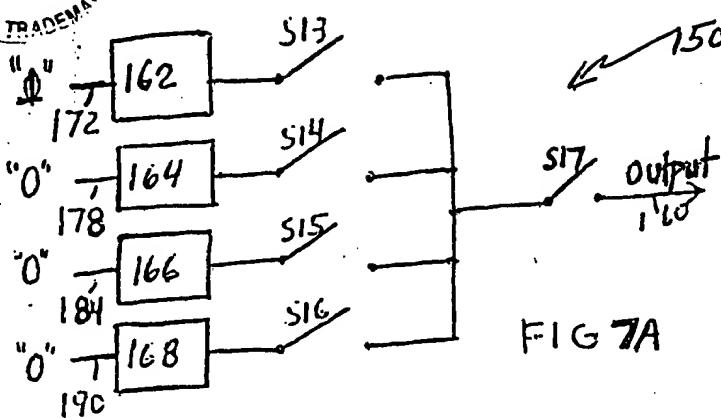


FIG. 7A

$P_1 = "0"$	$V(C_1) = V_{ref}$	$Q(C_1) = C \cdot V_{ref}$
$P_2 = "0"$	$V(C_2) = 0$	$Q(C_2) = 0$
$P_3 = "1"$	$V(C_3) = 0$	$Q(C_3) = 0$
	$V(C_4) = 0$	$Q(C_4) = 0$

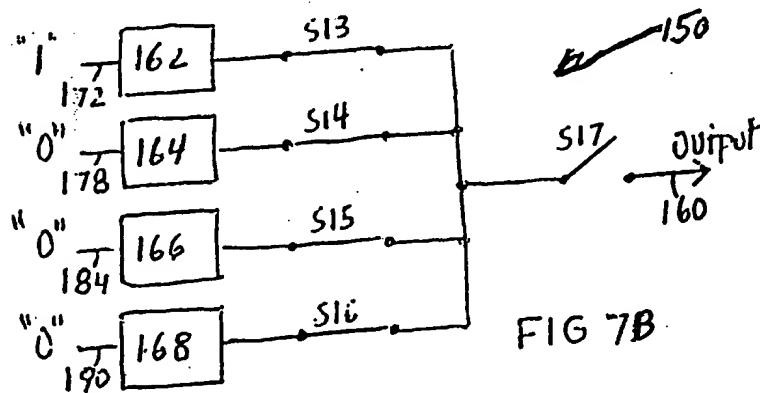


FIG. 7B

$P_1 = "1"$	$V(C_1) = V_{ref}/4$	$Q(C_1) = C \cdot V_{ref}/4$
$P_2 = "0"$	$V(C_2) = V_{ref}/4$	$Q(C_2) = C \cdot V_{ref}/4$
$P_3 = "0"$	$V(C_3) = V_{ref}/4$	$Q(C_3) = C \cdot V_{ref}/4$
	$V(C_4) = V_{ref}/4$	$Q(C_4) = C \cdot V_{ref}/4$

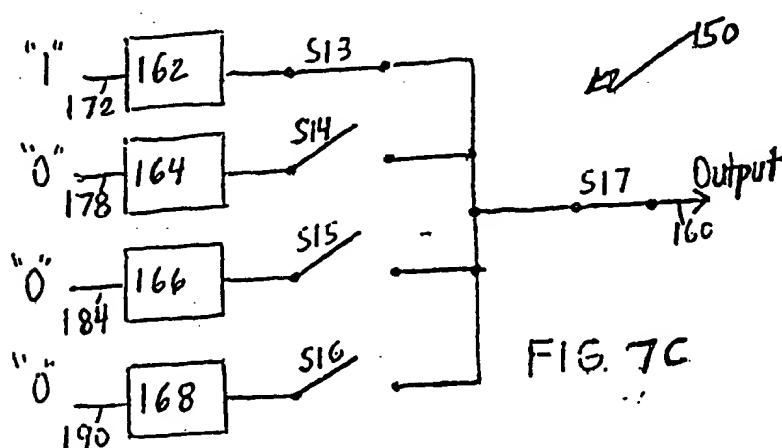


FIG. 7C

$P_1 = "0"$	$V(C_1) = V_{ref}/4$	$Q(C_1) = C \cdot V_{ref}/4$
$P_2 = "1"$	$V(C_2) = V_{ref}/4$	$Q(C_2) = C \cdot V_{ref}/4$
$P_3 = "0"$	$V(C_3) = V_{ref}/4$	$Q(C_3) = C \cdot V_{ref}/4$
	$V(C_4) = V_{ref}/4$	$Q(C_4) = C \cdot V_{ref}/4$

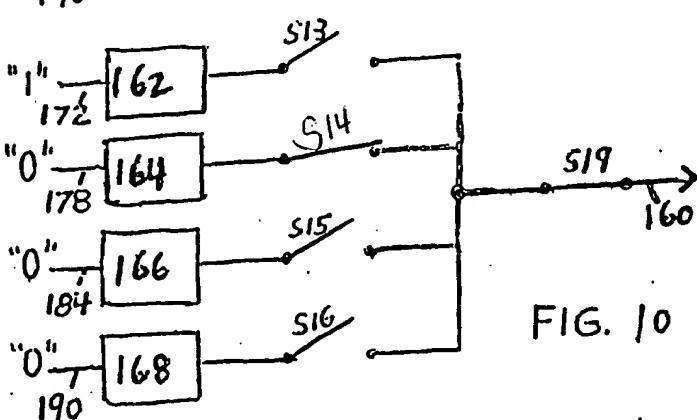


FIG. 10



800

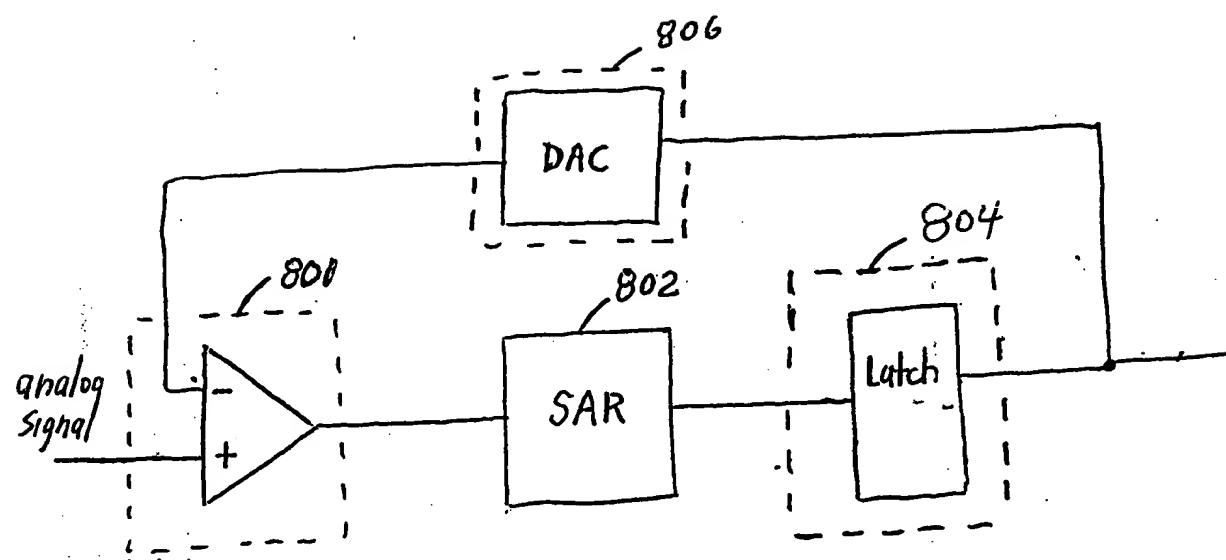


FIG. 35